

## Agenda

U. S. Geological Survey Earthquake Hazards Program (EHP)

### National Earthquake Prediction Evaluation Council (NEPEC)

17 – 18 September 2012

USGS National Earthquake Information Center  
at Colorado School of Mines  
1711 Illinois Street, Golden, Colorado 80401

#### *Monday, 17 September 2012*

##### **Session 1: Meeting opening**

- |      |   |                                       |                                     |
|------|---|---------------------------------------|-------------------------------------|
| 2:00 | 1 | Welcome, introductions, agenda        | J. McCarthy, T. Tullis, M. Blanpied |
| 2:15 | 2 | Brief updates on miscellaneous topics | All                                 |

##### **Session 2: Uniform California Earthquake Rupture Forecast (UCERF3)**

- |      |   |  |              |
|------|---|--|--------------|
| 2:30 | 3 | Status of UCERF3 long-term earthquake rate model   | N. Field     |
| 2:50 | 4 | Use of UCERF3 in USGS National Seismic Hazard Maps | M. Petersen  |
| 3:10 | 5 | Comments from SRP, plan for NEPEC review           | W. Ellsworth |
| 3:30 | 6 | Discussion   | All          |
| 3:45 |   | <i>Break</i>                                       |              |

##### **Session 3: National Earthquake Information Center**

- |      |   |  |                        |
|------|---|--|------------------------|
| 4:00 | 7 | Tour of the National Earthquake Information Center | H. Benz and NEIC Staff |
| 5:30 |   | <i>Adjourn</i>                                     |                        |

#### *Tuesday, 18 September 2012*

- |      |   |   |  |
|------|---|---|--|
| 8:00 | 8 | Arrival and discussion – follow-ups from previous day |  |
|------|---|---|--|

##### **Session 4: Operational Earthquake Forecasting (OEF): Status and Strategy**

- |      |    |  |                       |
|------|----|--|-----------------------|
| 8:15 | 9  | Strategic plan for OEF                                 | L. Jones, M. Blanpied |
| 8:45 | 10 | Social science collaborations                          | L. Jones              |
| 9:00 | 11 | UCERF3 short-term forecasting & global forecast models | N. Field              |
| 9:30 | 12 | Algorithm development & CSEP testing                   | A. Michael            |

9:45		<i>Break</i>	
10:00	13	Operational considerations: role of the networks in OEF	H. Benz & NEIC staff
10:30	14	Development of NEPEC recommendations	All
11:30		<i>Lunch</i>	

### **Session 5: Communication and Collaboration with PNW Decision-makers**

12:30	15	Subcommittee report on PNW	J. Gomberg (by phone)
1:00	16	Discussion: NEPEC response to subcommittee report	NEPEC
1:15	17	Perspectives from SAFRR; meeting with CA emergency managers	L. Jones
1:30	18	Perspective from CEPEC and CalEMA	J. Goltz
1:45	19	Discussion: Plan for collaboration with PNW emergency managers	All
2:30	20	Development of NEPEC recommendations	NEPEC
3:30		<i>Adjourn</i>	

*Attendees are invited to attend a 4:00pm talk by Rob Williams on investigations of the 2011 Mineral, Virginia earthquake and plans for expanded research efforts in the eastern US.*

### **Attending:**

#### **NEPEC:**

Terry Tullis, Brown University (Chair)  
William Leith, USGS, Reston (Co-chair)  
Ramon Arrowsmith, Arizona State University  
Nicholas Beeler, USGS, Menlo Park  
Roland Burgmann, University of California, Berkeley  
William Ellsworth, USGS, Menlo Park  
David Jackson, University of California, Los Angeles  
Andrew Michael, USGS, Menlo Park  
Evelyn Roeloffs, USGS, Vancouver, WA  
Allan Rubin, Princeton University  
Bruce Shaw, Columbia University  
John Vidale, University of Washington  
Michael Blanpied (NEPEC Executive Secretary)

#### **Guests:**

Harley Benz, USGS, Golden  
Paul Earle, USGS, Golden  
Edward (Ned) Field, USGS, Golden  
James Goltz, CalEMA  
Joan Gomberg, USGS, Seattle (by phone)  
Gavin Hayes, USGS, Golden  
Lucile Jones, USGS, Pasadena  
Mark Petersen, USGS, Golden  
Peter Powers, USGS, Golden

#### **Meeting Hosts:**

Jill McCarthy, Geologic Hazards Sci. Center Director  
Joyce Costello, USGS, Reston (will not attend)